=> d his ful; d que sta

      (FILE 'HOME' ENTERED AT 14:53:32 ON 12 MAR 2011)

      FILE 'REGISTRY' ENTERED AT 14:55:46 ON 12 MAR 2011
L1   STRUCTURE UPLOADED
                D
L2   660 SEA SSS FUL L1
L3   STRUCTURE UPLOADED
L4   20 SEA SUB=L2 SSS FUL L3
                D L4 1-20 SQIDE

      FILE 'ZCAPLUS' ENTERED AT 15:02:54 ON 12 MAR 2011
L5   107 SEA ABB=ON PLU=ON L4
L6   83 SEA ABB=ON PLU=ON L5 AND (PD<=20041119 OR PRD<=20041119)
L7   78 SEA ABB=ON PLU=ON L6 AND (PD<=20031215 OR PRD<=20031215)
L8   77 SEA ABB=ON PLU=ON L7 AND (PD<20031215 OR PRD<20031215)
                D L8 1-77 IBIB HITSTR

      FILE 'STNGUIDE' ENTERED AT 15:06:53 ON 12 MAR 2011

      FILE HOME

      FILE REGISTRY
      Property values tagged with IC are from the ZIC/VINITI data file
      provided by InfoChem.

      STRUCTURE FILE UPDATES: 10 MAR 2011 HIGHEST RN 1268232-74-1
      DICTIONARY FILE UPDATES: 10 MAR 2011 HIGHEST RN 1268232-74-1

      CAS Information Use Policies apply and are available at:

      http://www.cas.org/legal/infopolicy.html

      TSCA INFORMATION NOW CURRENT THROUGH January 14, 2011.

        Please note that search-term pricing does apply when
        conducting SmartSELECT searches.

      REGISTRY includes numerically searchable data for experimental and
      predicted properties as well as tags indicating availability of
      experimental property data in the original document. For information
      on property searching in REGISTRY, refer to:

      http://www.cas.org/support/stngen/stndoc/properties.html

      FILE ZCAPLUS

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FILE COVERS 1907 - 12 Mar 2011   VOL 154 ISS 12
FILE LAST UPDATED: 11 Mar 2011 (20110311/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2010

ZCAplus now includes complete International Patent Classification (IPC)
reclassification data for the fourth quarter of 2010.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate
substance identification.

FILE STNGUIDE
FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Mar 7, 2011 (20110307/UP).

L1   STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *
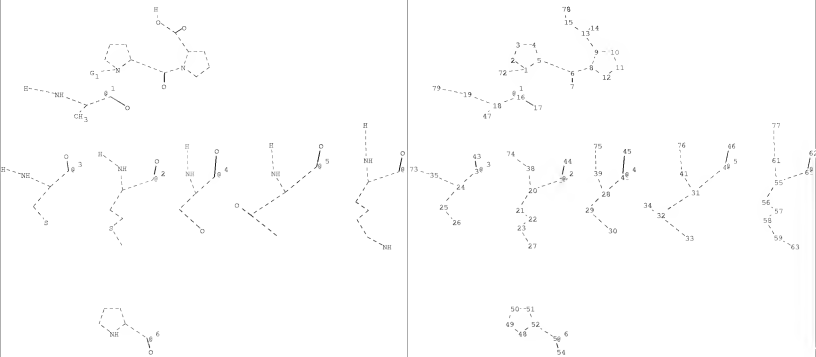
Structure attributes must be viewed using STN Express query preparation.
L2   660 SEA FILE=REGISTRY SSS FUL L1
L3   STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.
L4   20 SEA FILE=REGISTRY SUB=L2 SSS FUL L3
L5   107 SEA FILE=ZCAPLUS ABB=ON PLU=ON L4
L6   83 SEA FILE=ZCAPLUS ABB=ON PLU=ON L5 AND (PD<=20041119 OR
              PRD<=20041119)
L7   78 SEA FILE=ZCAPLUS ABB=ON PLU=ON L6 AND (PD<=20031215 OR
              PRD<=20031215)
L8   77 SEA FILE=ZCAPLUS ABB=ON PLU=ON L7 AND (PD<20031215 OR
              PRD<20031215)

```
chain nodes :
    6   7  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34
   35  36  37  38  39  40  41  42  43  44  45  46  47  53  54  55  56  57  58  59  60  61  62  63
   72  73  74  75  76  77  78  79
ring nodes :
    1   2   3   4   5   8   9  10  11  12  48  49  50  51  52
chain bonds :
    1-72   5-6   6-7   6-8   9-13  13-14  13-15  15-78  16-18  16-17  18-19  18-47  19-79  20-21  20-37
   20-38  21-22  22-23  23-27  24-25  24-35  24-36  25-26  28-29  28-39  28-40  29-30  31-32
   31-41  31-42  32-33  32-34  35-73  36-43  37-44  38-74  39-75  40-45  41-76  42-46  52-53
   53-54  55-56  55-60  55-61  56-57  57-58  58-59  59-63  60-62  61-77
ring bonds :
    1-2   1-5   1-72   2-3   3-4   4-5   8-9   8-12   9-10  10-11  11-12  48-49  48-52  49-50  50-51  51-52
exact/norm bonds :
    1-2   1-5   1-72   2-3   3-4   4-5   5-6   6-7   6-8   8-9   8-12   9-10   9-13  10-11  11-12  13-15  15-78
   16-18  16-17  18-19  18-47  19-79  20-21  20-37  20-38  21-22  22-23  23-27  24-25  24-35
   24-36  25-26  28-29  28-39  28-40  29-30  31-32  31-41  31-42  32-33  32-34  35-73  36-43
   37-44  38-74  39-75  40-45  41-76  42-46  48-49  48-52  49-50  51-52  52-53  53-54
   55-56  55-60  55-61  56-57  57-58  58-59  59-63  60-62  61-77
normalized bonds :
   13-14

G1:[@1],[@2],[@3],[@4],[@5],[@6],[@7]

Match level :
    1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:CLASS   7:CLASS   8:Atom   9:Atom  10:Atom  11:Atom
   12:Atom  13:CLASS  14:CLASS  15:CLASS  16:CLASS  17:CLASS  18:CLASS  19:CLASS  20:CLASS
   21:CLASS  22:CLASS  23:CLASS  24:CLASS  25:CLASS  26:CLASS  27:CLASS  28:CLASS  29:CLASS
   30:CLASS  31:CLASS  32:CLASS  33:CLASS  34:CLASS  35:CLASS  36:CLASS  37:CLASS  38:CLASS
   39:CLASS  40:CLASS  41:CLASS  42:CLASS  43:CLASS  44:CLASS  45:CLASS  46:CLASS  47:CLASS
   48:Atom  49:Atom  50:Atom  51:Atom  52:Atom  53:CLASS  54:CLASS  55:CLASS  56:CLASS  57:CLASS
   58:CLASS  59:CLASS  60:CLASS  61:CLASS  62:CLASS  63:CLASS  72:CLASS  73:CLASS  74:CLASS
   75:CLASS  76:CLASS  77:CLASS  78:CLASS  79:CLASS
```